

OPERATING INSTRUCTIONS FOR THE MOTOR AND PUMP FEATURES ON  
FISCHER COMBINATION CABINETS.

To Obtain Air Pressure

Open the valve in handle by turning the knurled ring to the left. Set the pointer on "Pressure Regulator" to side marked "Pressure."

Attach the desired atomizer to the tapered end of the handle. Press the red button on the motor switch and regulate the pressure and resultant spray by turning the knurled collar to the right to increase, and to the left to decrease. To release the pressure instantly, pull the collar down.

Always be sure that the valve in the pressure handle is open before starting the motor.

Heated Air

Air that can be applied at any desired temperature and from zero up to 35 pounds pressure is available.

To obtain heated air, slip the tapered end of handle into the tapered socket in the heater with a slight twisting movement, leaving the binding posts in any convenient position.

Next, connect the cautery cords to posts on the heater and to the cautery posts on the cabinet. This cautery circuit is of very low voltage, and there is absolutely no danger of any electrical shocking either to operator or patient, even though both binding posts and the body of the heater are touched at the same time.

Start the motor, set the indicator to "Pressure" and allow the air to pass through the heater. Regulate the heat of the element as you would the cautery knife--by advancing and retarding lever. It may appear necessary to use the full power of the circuit to generate the desired heat at the start, but after a moment you will find that a sufficient temperature may be maintained with lever on button 6 or 7.

The air spreader attachment, No. 1572, is arranged to screw into the heater and it is provided with outlets on the sides only, to prevent a concentration of heat to any one small section under treatment. Such concentration of heat would soon become unbearable, but would result if the air were allowed to pass straight through. As a result of the heated air being properly spread, you will find that when the rubber cups are slipped on, the outer edge will become just as warm as the center.

When through using the heater, cut off the current first--then shut off the air.

You will readily see from the above description that the heat, as well as the volume of air, is under positive control at all times.

### Vibration Pneumatic

Open the valve in handle by turning the knurled ring to the left as far as possible. Select the vibratode desired and set it firmly, with a slight twisting movement, onto the tapered end of the handle. Slip the rubber vibratode cover over the metal edge of the holder and turn the indicator "Pressure Regulator" to "Vibration."

When using the cavity vibratodes, care must be exercised that the small holes near the end, where the applicator is fastened to the handle, are not all closed at the same time. These are "vent" holes to allow some of the air to escape and to prevent the caps from bursting from too much pressure.

Should more pressure be desired to inflate any of the vibratodes to a greater extent, gradually turn regulator from "Vibration" toward "Pressure" until the right amount of expansion is obtained.

### Heat and Vibration

Heat, with vibration, will increase elimination by opening the pores and generally stimulate surface activity. A greater degree of heat can be borne when vibration is applied at the same time.

The combination of heated air and vibration is obtained in the same manner as the "Heat" described in the foregoing, with one exception: The indicator must be set to "Vibration" instead of to "Pressure," and, as more air is required, gradually turn this controller toward the "Pressure" side. The rubber cup acts as the vibratode.

### Fluid Heater

Maintains heat of the solutions in the various bottles at proper temperature for instant use. It is always advisable to warm the fluids before applying--hence, press the red button on the heater switch a moment or two before using the sprays.

### Suction

To obtain vacuum for using the various cupping devices, start the motor by pressing the red button on the motor switch. Set the indicator on "Vacuum Regulator" to the farthest point marked "Vacuum."

The glass cups are attached by pressing the end into the soft rubber bushing in the vacuum handle with a slight turning movement. The rubber cups are attached with the small No. 1573 metal piece in the same manner.

The vacuum handle is arranged to separate at the joint for inserting gauze or absorbent cotton when the suction is to be used for extraction pus or similar substance. When a quick release from vacuum is required, pull the collar down with the thumb and index finger.

Suction Vibration

By turning the vacuum regulator to the farthest point toward "Vibration," you will notice that although there is still some sucking effect, it pulsates rapidly. By turning this controller to the right or left, most any degree of vacuum or vacu-vibration may be obtained.

This vacu-vibration is indicated wherever a superficial local hyperemic condition is desired. A careful study of this modality will reveal almost endless possibilities. It is especially valuable for development of flabby tissues and muscles.

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